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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	N/A
				Filing Date	Herewith
				First Named Inventor	Thomas C. Mc Donald
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	CNTR.2143
Sheet	1	of	1		

[illegible][illegible]

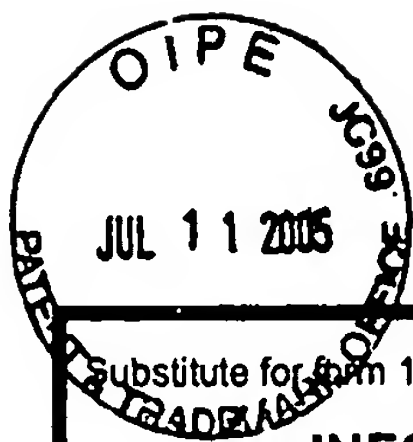
Examiner Signature	<i>Nurse Mall</i>	Date Considered	3/24/06
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/632225
Sheet 1 of 4				Filing Date	7/31/2003
				First Named Inventor	THOMAS C. MCDONALD
				Group Art Unit	2183
				Examiner Name	EDDIE CHAN
				Attorney Docket Number	CNTR.2143

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2 (if known)</sup>			
[Handwritten mark]		5706491	01-06-1998	Steven C. McMahan	
		5313634	05-17-1994	James Eickemeyer	
		5961629	10-05-1999	Nguyen et al	
		5832289	11-03-1998	Shaw et al	
		5828901	10-27-1998	O'Toole et al	
		5864707	01-26-1999	Tran et al	
		6035391	03-07-2000	David L. Isaman	
		5353421	10-04-1994	Emma et al	
		6081884	06-27-2000	Paul K. Miller	
		6250821	06-26-2001	Greg Schwendinger	
		5805877	09-08-1998	Black et al	
		5948100	09-07-1999	Hsu et al	
		6233676	05-15-2001	Henry et al	
		5623615	04-22-1997	Salem et al	
		6175897	01-16-2001	Ryan et al	
		5734881	03-31-1998	White et al	
		6260138	07-10-2001	Jeremy G. Harris	
		6823444	11-23-2004	Henry et al	
		6256727	07-03-2001	Robert Greg McDonald	
		5931944	08-03-1999	Ginosar et al	
[Handwritten mark]		5881260	03-09-1999	Raje et al	
		4860197	08-22-1989	Langendorf et al	
		5142634	08-25-1992	Fite et al	
		5163140	11-10-1992	Stiles et al	
[Handwritten mark]		5404467	04-04-1995	Saba et al	

Examiner Signature	[Handwritten Signature]	Date Considered	3/24/06
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				First Named Inventor	THOMAS C. MCDONALD
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Sheet	2	of	4		

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M		5687360	11-11-1997	Po-Hua Chang	
		5867701	02-02-1999	Brown et al	
		5964868	10-12-1999	Gochman et al	
		5974543	10-26-1999	Hilgendorf et al	
		5978909	11-02-1999	Oded Lempel	
		6088793	07-11-2000	Liu et al	
		6151671	11-21-2000	D'Sa et al	
		6314514	11-06-2001	Thomas C. McDonald	
		6502185	12-31-2002	Keller et al	
		6601161	07-29-2003	Rappoport et al	
		6647467	11-11-2003	Eric M. Dowling	
		5355459	10-11-1994	Matsuo et al	
		5850543	12-15-1998	Shiell et al	
		6108773	08-22-2000	Col et al	
		5513330	04-30-1996	David R. Stiles	
		6457120	09-24-2002	Balaram Sinharoy	
		5634103	05-27-1997	Dietz et al	
		6044459	03-28-2000	Bae et al	
		5530825	06-25-1996	Black et al	
		5812839	09-22-1998	Hoyt et al	
		5604877	02-18-1997	Hoyt et al	
		6134654	10-17-2000	Patel et al	
		4181942	01-01-1980	Forster et al	
		5881265	03-09-1999	McFarland et al	
		5968169	10-19-1999	James K. Pickett	
		6085311	07-04-2000	Narayan et al	

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				First Named Inventor	THOMAS C. MCDONALD
				Group Art Unit	2183
				Examiner Name	EDDIE CHAN
				Attorney Docket Number	CNTR.2143
Sheet	3	of	4		

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2 (if known)</sup>			
m		6308259	10-23-2001	David B. Witt	
		5623614	04-22-1997	Van Dyke et al	
		5768576	06-16-1998	Hoyt et al	
		6170054	01-02-2001	Mitchell Alexander Poplingher	
		6279106	08-21-2001	James S. Roberts	
		2002194464	12-19-2002	Henry et al	
		5721855	02-24-1998	Hinton et al	
		4200927	04-29-1980	Hughes et al	
		6185676	02-06-2001	Poplingher et al.	
		5394530	02-28-1995	Mayumi Kitta	
		6886093	04-26-2005	G. Glenn Henry	
		20040030866	02-12-2004	Thomas C. McDonald	
		20020194461	12-19-2002	Henry et al.	
		20020194460	12-19-2002	Henry et al.	
		20050132175	06-16-2004	Henry et al.	
		20050044343	02-24-2005	Henry et al.	
		20020188833	12-12-2002	Henry et al.	
		20050114636	05-26-2005	McDonald et al.	
		20040139301	07-15-2004	Thomas C. McDonald	
		20040143727	07-22-2004	Thomas C. McDonald	
	20040143709	07-22-2004	Thomas C. McDonald		
	20050076193	04-07-2005	Henry et al.		

Examiner Signature		Date Considered	3/24/06
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				Filing Date	7/31/2003
				First Named Inventor	THOMAS C. MCDONALD
				Group Art Unit	2183
				Examiner Name	EDDIE CHAN
				Attorney Docket Number	CNTR.2143
Sheet	4	of	4		

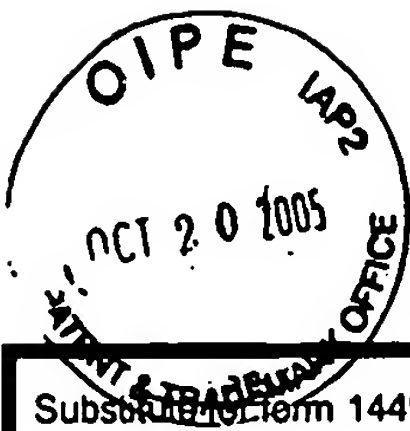
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
m	AA	<i>Microprocessor Report</i> . Vol.9. No.2. February 16, 1995. page 5	
	AB	<i>Microprocessor Report</i> . August 23, 1999. page 7	
	AC	YEH ET AL. <i>Alternative Implementation of Two-Level Adaptive Branch Prediction</i> . 19th Annual International Symposium on Computer Architecture. Pp124-134. May 19-21, 1992. Gold Coast, Australia	
	AD	CHANG ET AL. <i>Alternative Implementations of Hybrid Branch Predictors</i> . Proceedings of MICRO-28. 1995. IEEE.	
	AE	MC FARLING, SCOTT. <i>WRL Technical Note TN-36. "Combining Branch Predictors</i> . June 1993. Western Research Laboratory, 250 University Ave., Palo Alto, CA 94301	
	AF	BRAY ET AL. <i>Strategies For Branch Target Buffers</i> . Technical Report No. CSL-TR-91-480. June 1991.	
	AG	SAKAMOTO ET AL. <i>Microarchitecture Support for Reducing Branch Penalty in a Superscaler Processor</i> . Pp 208-216. Mitsubishi Electric Corp. 4-1 Mizuhara, Itami, Hyogo 664. Japan, 1996. IEEE.	
	AH	IEEE 100, The Authoritative Dictionary of IEEE Standard Terms, Seventh Edition. The Institute of Electrical Engineering, Inc. New York: Standards Information Network IEEE Press Page 135.	

Examiner Signature		Date Considered	3/24/06
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				Application Number	10/632225
				Filing Date	7/31/2003
				First Named Inventor	Thomas C. McDonald
				Group Art Unit	2183
				Examiner Name	Eddie Chan
Sheet	1	of	1	Attorney Docket Number	CNTR.2143

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>jm</i>		20050198481	09-08-2005	Henry et al.	
<i>jm</i>		20050198479	09-08-2005	Bean et al.	
<i>jm</i>		6895498	05-17-2005	McDonald et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

Examiner Signature	<i>James M. Hall</i>	Date Considered	3/24/06
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				Group Art Unit	2183
				Examiner Name	Eddie Chan
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<i>mc</i>		5850532	12-15-1998	Narayan et al	
<i>mc</i>		5752069	05-12-1998	Roberts et al.	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5 (if known)</sup>				

Examiner Signature	<i>James Moll</i>	Date Considered	3/24/06
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7-12-05

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number	10/632225	Docket Number	CNTR.2143
Filed	7/31/2003	Group Art Unit	2183
Examiner	EDDIE CHAN	Customer No.	23669
Application Title	APPARATUS AND METHOD FOR INVALIDATION OF REDUNDANT BRANCH TARGET ADDRESS CACHE ENTRIES		
First Named Inventor	THOMAS C. MCDONALD		

### INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that the examiner review the information disclosed herein in detail, independently evaluate each item carefully in the consideration of the pending claims, and return an initialed copy of each form to the undersigned practitioner.

This disclosure statement should not be construed as a representation that a search has been made, that no other material information as defined in 37 CFR 1.56(a) exists, or as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b) or is available as a reference under 35 U.S.C. §102 et seq. Applicant reserves the right to swear behind or otherwise disprove the alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures §609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

Some of the enclosed documents may have markings thereon. No significance is intended to be attached to the markings.

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Respectfully submitted,

By *E. Alan Davis*

E. ALAN DAVIS  
Reg. No. 39,954  
Tel.: (512) 301-7234

Date 7-9-05